COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

	8 71
[x]	original
[]	divisional
	continuation
ΓĪ	continuation-in-part

This declaration is of the following type:

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

METHOD OF FORMING OPTICAL WAVEGUIDES ON A SEMICONDUCTOR SUBSTRATE

SPECIFICATION IDENTIFICATION

The specification of which:

[x]	is attached hereto
[]	was filed on, under Serial No, executed on even date herewith; or
	[] Express Mail No. @(as Serial No. not yet known)
	and was amended on (if applicable)
[]	was described and claimed in PCT International Application No.
filed on	and as amended under PCT Article 19 on .

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

[] In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	[X]	No such applications have b	peen filed.	Docket 5782
	[]	Such applications have been	ı filed as follows:	
A.		Foreign/PCT application(s) foreign/PCT application(s) for its claims under 35 U.S.C		design) prior to this application, and
Coun	try/PCT	Application No.	Date Filed	Priority Claimed
				[] Yes [] No [] Yes [] No [] Yes [] No
В.		eign application(s), if any, fil	ed more than 12 mos. (6 mos for	· design) prior to this
	Country Applica Filing d	tion No:		
		PRIO	RITY CLAIM (35 U.S.C. §120)	
internat matter of by the material reasona	ional app of each of first parag I to the ble Exam d between	lication(s) designating the Un the claims of this application graph of Title 35, United Sta examination of this application iner would consider it importa	ited States of America that is/are is not disclosed in that/those priotes Code, §112, I acknowledge to (namely, information where ant in deciding whether to allow the	y United States application(s) or PCT listed below and, insofar as the subject or application(s) in the manner provided the duty to disclose information that is there is substantial likelihood that a e application to issue as a patent) which or PCT international filing date of this
	[x]	No such applications have been Such applications have been		
	Serial N	o. Filing Date	Status Patented Pending	Abandoned
		P	OWER OF ATTORNEY	
		the following attorneys and/or ffice connected therewith:	agents to prosecute this application	on and transact all business in the Patent
		Peter J. Sgarbossa Donald Verplancken Lawrence Edelman	Registration No. 25,610 Registration No. 33,217 Registration No. 25,226	

Peter J. Sgarbossa	Registration No. 25,610
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Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
Robert W. Mulcahy	Registration No. 25,436
Walter Benjamin Glen	Registration No. 44,713
Birgit E. Morris	Registration No. 24,484

Send correspondence to:

Direct telephone calls to:

Patent Counsel, MS/2061

Birgit E. Morris

Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Santa Clara, CA 95052.

Full sole or first inventor

Phone: 973-656-9591

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Anisul Khan

Date: Inventor's signature:	
Residence: Post Office Address:	Sunnyvale, CA 125 Connemara Way #81 Sunnyvale, CA 94087
Country of Citizenship	USA Bangladesh
Full name of second inventor::	Ajay KUMAR
Date: Inventor's signature:	September 17, 2001
Residence: Post Office Address:	Sunnyvale, CA 510 Keniloworth Court Sunnyvale, CA 94087
Country of Citizenship	USA
Full name of Third inventor::	Sanjay THEKDI
Date: Inventor's signature:	
Residence: Post Office Address:	Santa Clara, CA 1712 Loveland Court Santa Clara, CA 95050
Country of Citizenship	India
(Decl:	aration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:
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[x]	original
[]	divisional
[]	continuation
ſ 7	continuation-in-part

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The specification of which:

[x]	is attached hereto	
[]	was filed on, under Serial No	, executed on even date herewith; or
	[] Express Mail No. @(as Serial No. 1	
	and was amended on	(if applicable)
[]	was described and claimed in PCT Inte	rnational Application No.
filed on	and as amended und	er PCT Article 19 on

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and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

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	1377); 1 1°		~		Docket 5	782
	[X]	No such applic	ations have been	filed.			
	[]	Such application	ons have been file	ed as follows:			
A.			olication(s) filed ler 35 U.S.C. §1	within 12 mos. (6 mos. 19	for design) prio	r to this application,	ınd
Count	ry/PCT	<u>A</u> ;	pplication No	Date Filed	<u>P</u>	riority Claimed	
					-] Yes [] No] Yes [] No] Yes [] No	
В.		ign application(plication	s), if any, filed n	nore than 12 mos. (6 mos	for design) pric	or to this	
	Country Applica Filing d	tion No:					
			PRIORIT	Y CLAIM (35 U.S.C. §1	20)		
internati matter o by the f material reasonal	onal apping on all apping on all apping from the color of	ication(s) design the claims of thi graph of Title 35 examination of ther would consid	ating the United s application is referenced in the states this application der it important in the states application.	d States Code, §120, of States of America that is/ tot disclosed in that/those; Code, §112, I acknowled, (namely, information what deciding whether to allow dication(s) and the nation	are listed below prior application ge the duty to de lere there is su we the application	and, insofar as the sub- i(s) in the manner provi- lisclose information that bstantial likelihood that to issue as a patent) wh	ject ded it is it a ich
	[x]		ntions have been ns have been file				
				Status	_		
	Serial N	o. <u>Filing</u>	Date	Patented Pending	Abandone	<u>ed</u>	
•			POV	VER OF ATTORNEY			
		he following atto		nts to prosecute this applic	cation and transa	ct all business in the Pa	tent

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Joseph Bach	Registration No. 37,771
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Walter Benjamin Glen	Registration No. 44,713
Birgit E. Morris	Registration No. 24,484

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Birgit E. Morris

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Applied Materials, Inc.

Phone: 973-656-9591

P. O. Box 450A Santa Clara, CA 95052.

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Full sole or first inventor	Anisul Khan
Date: Inventor's signature:	Sept. 17, 2001
m, one o organica.	Ausul Hague Man
Residence:	Sunnyvale, CA
Post Office Address:	125 Connemara Way #81 Sunnyvale, CA 94087
	USA
Country of Citizenship	Bangladesh
Full name of second inventor::	Ajay KUMAR
Date:	
Inventor's signature:	
Residence:	Supervale CA
Post Office Address:	Sunnyvale, CA 510 Keniloworth Court
	Sunnyvale, CA 94087
Country of Citizenship	USA
Full name of Third inventor::	Sanjay THEKDI
Date:	
Inventor's signature:	
Residence:	Santa Clara, CA
Post Office Address:	1712 Loveland Court
	Santa Clara, CA 95050
Country of Citizenship	India
(Dec	laration ends with this page)

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This	dec.	laration	is	of	the	foll	owing	type:

- [x] original divisional
- [] continuation
- [] continuation-in-part

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	and was amended on	(if applicable)	
[]	was described and claimed in PCT International Application No.		
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	[X]	No such applic	ations have been file	ed.	Docket 5782	
	[]	Such application	ons have been filed a	as follows:		
A.	Prior foreign/PCT application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119					
Count	ry/PCT	<u>A</u> :	pplication No	Date Filed	Priority Claimed	
					[] Yes [] No [] Yes [] No [] Yes [] No	
в.	B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application					
	Country: Applicat Filing da	ion No:				
PRIORITY CLAIM (35 U.S.C. §120)						
I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.						
[x] No such applications have been filed [] Such applications have been filed, as follows:						
Status						
	Serial N	o. <u>Filing</u>	Date	Patented Pending	Abandoned	

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
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Birgit E. Morris

Legal Affairs Dept. Applied Materials, Inc. P. O. Box 450A Phone: 973-656-9591

Santa Clara, CA 95052.

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Full sole or first inventor	Anisul Khan
Date: Inventor's signature:	
Residence: Post Office Address:	Sunnyvale, CA 125 Connemara Way #81 Sunnyvale, CA 94087 USA
Country of Citizenship	Bangladesh
Full name of second inventor::	Ajay KUMAR
Date: Inventor's signature:	
Residence: Post Office Address:	Sunnyvale, CA 510 Keniloworth Court Sunnyvale, CA 94087
Country of Citizenship	USA
Full name of Third inventor::	Sanjay THEKDI
Date: Inventor's signature:	9/17/01
Residence: Post Office Address:	Santa Clara, CA 1712 Loveland Court Santa Clara, CA 95050
Country of Citizenship	India
(Dec	claration ends with this page)